

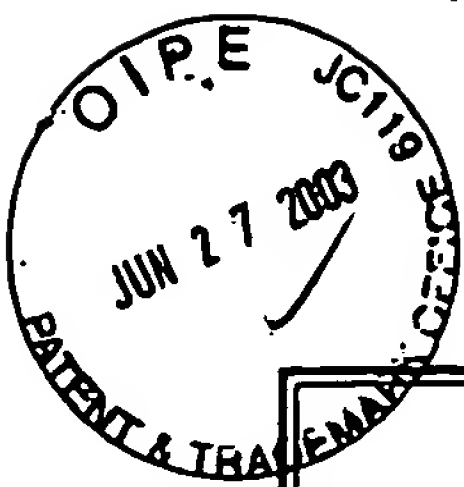
Form PTO-1449 (Modified) INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Application No.	09/994,519
	Filing Date	November 26, 2001
	First Named Inventor	Crawford
	Art Unit	2682 2687
	Examiner Name	Chin, Vivian C.
Sheet 1 of 1	Attorney Docket No.	70629/7262

U.S. PATENT DOCUMENTS									
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	U.S. PATENT DOCUMENT		NAME OF INVENTOR OR APPLICANT	DATE OF ISSUANCE OR PUBLICATION (MM-DD- YYYY)	CLASS	SUB CLASS	FILING DATE
			PATENT, PUB., OR APP. NO.	KIND CODE (if known)					

FOREIGN PATENT DOCUMENTS										
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	FOREIGN PATENT DOCUMENT			DATE OF PUBLICATION (MM-DD-YYYY)	CLASS	SUB CLASS	TRANSLATION	
			COUNTRY OR OFFICE (two-letter code)	DOCUMENT NO.	KIND CODE (if known)	YES	NO			

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS			
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issus number(s), publisher, city and/or country where published.
	AA		PCT International Search Report, United States International Search Authority (US/ISA), from corresponding PCT Application No. PCT/US02/06425, mailed July 15, 2002, six (6) pages

Examiner Signature	ELISEO RAMOS-FELICIANO PATENT EXAMINER	Date Considered	5/11/05
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	METHOD FOR ESTIMATING CARRIER-TO-NOISE-PLUS- INTERFERENCE RATIO (CNIR) FOR OFDM WAVEFORMS AND THE USE THEREOF FOR DIVERSITY ANTENNA BRANCH SELECTION
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Application Number: 09/994519

Confirmation Number: 1390

First Named Applicant: James Crawford

Attorney Docket Number: 70629

Art Unit: ~~2681~~ 2687

Examiner: Eliseo Ramos

Search string: (5621786 or 5844900 or 6438367 or 6526264
or 6563858).pn.

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents.

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5621786	1997-04-15	Fischer et al.		455	436
	2	5844900	1998-12-01	Hong et al.		370	342
	3	6438367	2002-08-20	Crawford		455	410
	4	6526264	2003-02-25	Sugar et al.		455	84
	5	6563858	2003-05-13	Fakatselis et al.		375	148

Remarks

Note: Remarks are not for responding to an office action.

These references were cited in an Office Action mailed June 19, 2003 in co-pending and related application no. 09/800,444 (docket no. 69902).

Signature

Examiner Name	Date
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ELISEO RAMOS-FELICIANO
PATENT EXAMINER

5/11/05



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention	METHOD FOR ESTIMATING CARRIER-TO-NOISE-PLUS- INTERFERENCE RATIO (CNIR) FOR OFDM WAVEFORMS AND THE USE THEREOF FOR DIVERSITY ANTENNA BRANCH SELECTION
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Application Number: 09/994519
Confirmation Number: 1390
First Named Applicant: James Crawford
Attorney Docket Number: 70629/7114
Art Unit: ~~2682~~ 2687
Examiner: Vivian C. Chin
Search string: (5371548 or 5528581 or 5530926 or 5537398
or 5848361 or 5924020 or 6072792 or 6084886
or 6289000 or 6345036 or 6369758 or 6370369
or 6373433 or 6650874 or 20020041635).pn.

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5371548	1994-12-06	Williams	—	348	478
	2	5528581	1996-06-18	De Bot	—	370	19
	3	5530926	1996-06-25	Rozanski	—	455	277.2
	4	5537398	1996-07-16	Siwiak	—	370	19
	5	5848361	1998-12-08	Edwards	—	455	562
	6	5924020	1999-07-13	Forssen et al.	—	455	129
	7	6072792	2000-06-06	Mazur et al.	—	370	345
	8	6084886	2000-07-04	Dehner et al.	—	370	458
	9	6289000	2001-09-11	Yonge, III	B1	370	203
	10	6345036	2002-02-05	Sudo et al.	B1	370	203
	11	6369758	2002-04-09	Zhang	B1	342	383
	12	6370369	2002-04-09	Kraiem et al.	B1	455	277.1
	13	6373433	2002-04-16	Espax et al.	B1	342	368



14	6650874	2003-11-18	Banik et al.	B1	455	71
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US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
<i>14</i>	1	20020041635	2002-04-11	Ma et al.	A1	375	267

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Examiner Name	Date
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